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(71) Applicant *(for all designated States except US)*: MELACURE THERAPEUTICS AB [SE/SE]; Ulleråkersvägen 38, S-756 43 Uppsala (SE).

(71) Applicant *(for MW only)*: PETT, Christopher, Phineas [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: HALLBERG, Anders [SE/SE]; Björklundavägen 4, S-756 46 Uppsala (SE). GRAFFNER-NORDBERG, Malin [SE/SE]; Akervägen 12, SE-756 51, Uppsala (SE). BOMAN, Arne [SE/SE]; Gustaf Kjellbergs Väg 22, S-756 43 Uppsala (SE). SEIFERT, Elisabeth [SE/SE]; Rotyxv. 17, S-756 48 Uppsala (SE).

(74) Agent: FRANK DEHN, B., & CO; 179 Queen Victoria Street, London EC4V 4EL (GB).

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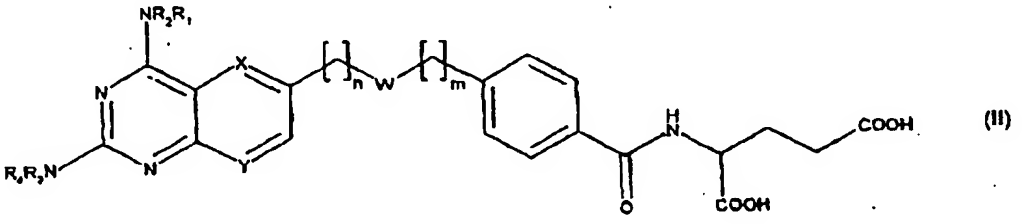
(54) Title: 2,4- DIAMINO QUINAZOLINE AND PYRIDOPYRIMIDINE ESTER DERIVATIVES AS DIHYDROFOLATE REDUCTASE INHIBITORS



(II)

(57) Abstract: The invention provides novel compounds of the formula II: wherein R_1, R_2, R_3 and R_4 are independently hydrogen or a group that liberates the free amine *in vivo*, for example -CO-alkyl, preferably -CO-C_1-C_3 alkyl or pivalate; or -COhaloalkyl, preferably -CO-C_1-C_3 haloalkyl, most preferably -CO-C_1-C_3 chloroalkyl; wherein W is; and @ denotes the points of attachment and wherein the ester can be located in either direction; wherein n and m are independently 0-5; wherein one but not both of X and Y can be nitrogen, or X is C-A and/or Y is C-B; wherein A and B are independently selected from hydrogen, alkyl optionally substituted with a halogen, an electron donor group such as amino, alkylamino, dialkylamino or hydroxy, or an electron acceptor group such as nitro, cyano, trihaloalkyl or amido, alkoxy or halogen; and pharmacologically acceptable salts thereof. Provided that when R_1 to R_4 are hydrogen, both X and Y are C-H, n is 1 and -$(CH_2)_n$- is attached to the bridging oxygen of the ester group W, then m cannot be 0 or 1.

WO 2004/020418 A1